

ENGINEERING

SECTION AND DETAIL KEY

Date: 05/10/2001 Time: 22:58:25
Username: WATSONRT
CHI-F_VOL2:PROJECTS\7000\700_CADD\TASK_2B\740_PLOT\H8-10-48.0WG

PROCEDURE SNS-ENG-G001

REV CHANGE CONTROL REQUEST

DESCRIPTION

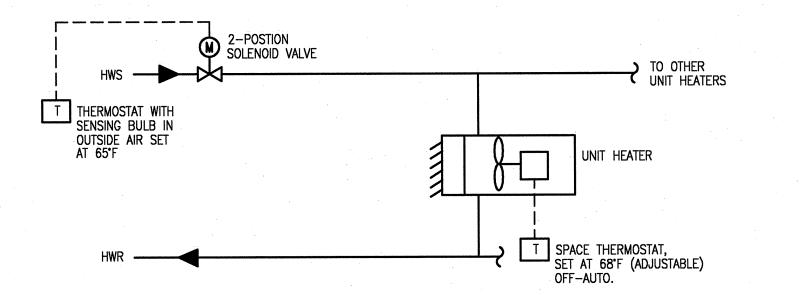
REVISION OR ISSUE PURPOSE

 INTERFACE WITH OTHER CONTROLLERS AS REQ'D L-&----**----**DDC CONTROLLERS **@** --- DPS-CL-EF-5 TYPICAL FOR EF-5, -7,& - 12 ALSO FOR EF-CL-13 JANITORIAL EXHAUST

SEQUENCE OF OPERATION

GENERAL: EXHAUST FANS SHALL BE ENERGDED THROUGH THE DDC CONTROL SYSTEM AND SHALL RUN CONTINUOUSLY. FAN OPERATING STATUS, AS ESTABLISHED BY A DIFFERENTIAL PRESSURE SWITCH, SHALL BE REPORTED AT THE DDC CENTRAL CONTROL STATION.

TYPICAL TOILET EXHAUST FAN CONTROL



SEQUENCE OF OPERATION

VALVE ON THE HWS LINE SERVING ALL UNIT HEATERS.

10/8/01 BWJ 105869 5/14/01

DSN CHK DEPT DATE PE DATE PJ DATE REQ DATE UTB DATE RPE RPE NO DATE

REVISION APPROVALS

UNIT HEATER TEMPERATURE CONTROL THIS SYSTEM CONSISTS OF A UNIT HEATER WITH A HEATING COIL WHICH CIRCULATES AIR THROUGH A COIL TO PROVIDE HEAT TO THE SPACE SERVED. THE HEATING COIL MEDIUM IS UNCONTROLLED (NO

SPACE THERMOSTAT HAS A MANUAL "OFF-AUTO" SWITCH. WHEN THE SWITCH IS INDEXED TO "OFF", THE UNIT HEATER FAN MOTOR IS DE-ENERGIZED. WHEN THE SWITCH IS INDEXED TO "AUTO", THE FAN STARTS

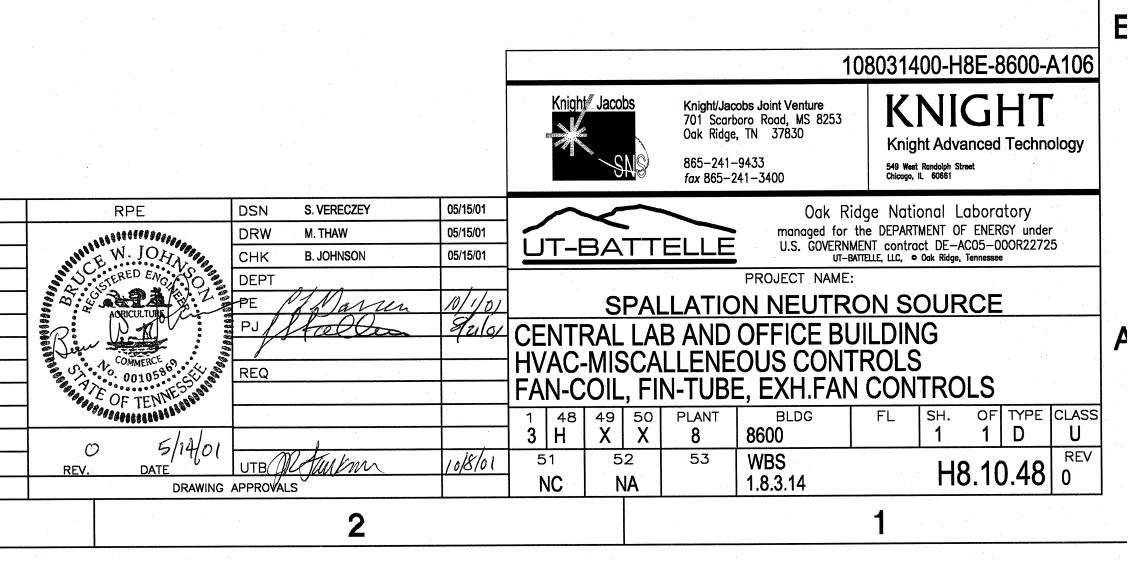
SC AW WRS RL WRS BWJ

ST CV EC EE EM IE M PD SE AR

SQUAD CHECK

WHEN THE SPACE TEMPERATURE FALLS BELOW THE THERMOSTAT SETPOINT. A SINGLE THERMOSTAT WITH SENSING BULB IN THE OUTSIDE AIR SHALL CLOSE THE TWO POSTION SOLENOID

TYPICAL UNIT HEATER CONTROL



FINAL ASS'Y

NEXT ASS'Y